

# USER'S MANUAL

## DAB/DAB+ Receiver DG-DAB888R



**DGTEC**<sup>TM</sup>  
THE FUTURE OF HOME ENTERTAINMENT

A clever **Hills** product

---

### NEED HELP?

If you are experiencing difficulty operating this product or require set up assistance please contact the DGTEC Service Centre. The call is free from anywhere in Australia. Our operators will assist you in plain English without the technical jargon:



**Call  
1800 189 941**

(Australia)  
8:00 am - 6:00 Australian EST  
\*Subject to change without notice.

## Precautions

---

**Before using this product, please carefully read and keep these Operation Instructions for later reference.**

### *Setting Up*

Ensure that the mains supply in your house complies with that indicated on the identification sticker located at the back of your Receiver. Install your Receiver horizontally, on a suitable base (furniture), with enough space around it for ventilation (7~10cm). Do not stack other, or heavy devices on top of the Receiver. Do not place the Receiver on amplifiers or other equipment which may become hot. This Receiver is designed for continuous use. Switching the Receiver to the stand-by mode does not disconnect the electricity supply. In order to separate the Receiver completely from the mains, it has to be disconnected by unplugging the main plug, especially when left unused for a long period of time.

### *For your safety*

Never open the Receiver or any of its components. It can be dangerous for you or certain fragile components. You could receive an electric shock.

### *Caution*

Protect the Receiver from moisture (dripping or splashing and objects filled with liquids) and excess heat (e.g. fireplace) or equipment creating strong magnetic or electric fields (i.e. speakers...). Disconnect the power cable from the mains electricity supply if the Receiver malfunctions. Your Receiver is not intended for industrial use but for domestic purposes only. Use of this product is for personal use only. If your Receiver has been stored in a cold atmosphere for example during transportation in the winter, wait for approximately 2 hours until they have reached room temperature, before use.

### *Maintenance of Cabinet*

For safety reasons, be sure to disconnect the AC power cord from the AC outlet when cleaning the cabinet.

- not use benzene, thinner, or other solvents for cleaning.
- Wipe the cabinet with a soft cloth.

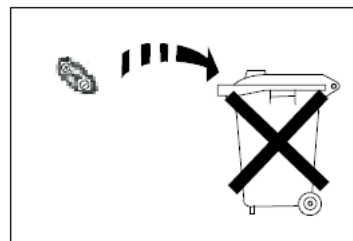
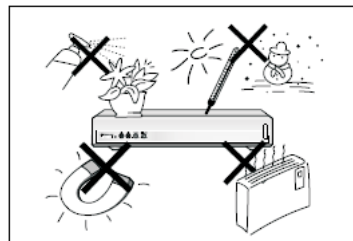
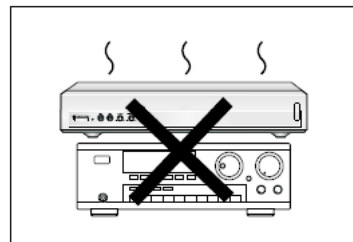
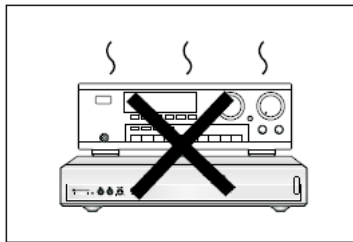
## Precautions

### Handling the Power Cord

- Hold the plug when you unplug the power cord.
- Do not put the power cord near any heat source equipment.
- Do not place any heavy object on the power cord.
- Do not use any other power that is not include the receiver(DG-DAB888R).

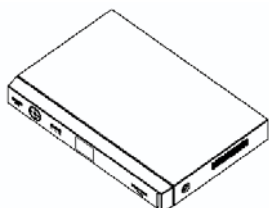
### Caution

- Take care not to damage LCD.
- Do not insert anything except SD Card into SD Card Slot.

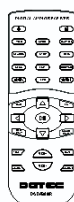


## Before you start

### Accessories



Receiver (DG-DAB888R)



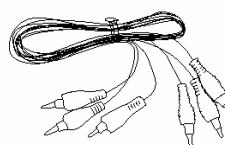
Remote Control



DAB+ Antenna



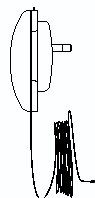
FM Radio Antenna



A/V Cable



Antenna Conversion Cable



AC/DC Adaptor



Manual

### *Install Battery In The Remote Control*

1. Open the battery cover on the back of the remote control.
2. Insert batteries. Make sure that the polarities (+ and -) are aligned correctly.
3. Replace the battery cover.

### *If remote control does not operate properly*

1. Check the polarity + and - of the batteries.
2. Check if the batteries are drained.
3. Check if remote controller sensor is blocked by obstacles.
4. Check if there is any fluorescent lighting nearby.

## Table of Contents

### Setup

Description - Front Panel .....	6
Description - Rear Panel .....	7
Tour of Remote Control .....	8

### Connections

Power Cable Connection .....	10
Audio/Video Cable Connection .....	11
DAB+ Antenna Connection .....	12
FMI Radio Antenna Connection .....	12

### Functions

Power ON/OFF .....	13
- Main Power ON	
- Main Power OFF	
Using Buttons .....	15
- Basic Function Key	
Main Menu .....	16
DAB Mode .....	16
- Return Main Menu	
- Searching	
- Stop	
- Recording	
- Channel List	
- EPG (Extended Program Guide)	
FMI Radio Mode .....	19
- Searching Frequency	
- Frequency Stored	
- Frequency Up/Down	
REC File Playback Mode .....	19
- Recording File Playback	
- Browsing	
MUSIC Playback Mode .....	20
- Music File Playback	
- Browsing	
Time and Alarm Setting .....	21
- Time Setting	
- Date Setting	
- Alarm Time Setting	
Firmware Upgrade .....	22

### Reference

Q&A(Trouleshooting) .....	23
Specification .....	24

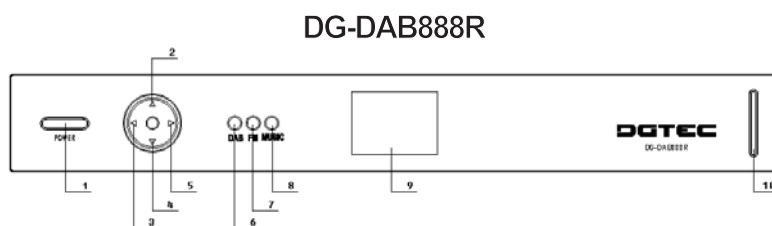
#### SETUP

#### CONNECTIONS

#### FUNCTIONS

#### REFERENCE

## Description - Front Pannel



SETUP

### Front Panel Controls

#### 1. STANDBY

When the unit is first plugged in, the indicator lights and LCD is turned on. When STANDBY is pressed on again, the light goes out and the receiver is turned off.

#### 2. UP

Use to move up or select a previous PRESET frequency.

#### 3. LEFT

Use to move left or go to previous menu.

#### 4. DOWN

Use to move down or select a next PRESET frequency.

#### 5. RIGHT

Use to move right or go to next menu.

#### 6. DAB+

Go to DAB+ mode.

#### 7. FM

Go to FM radio mode.

#### 8. MUSIC

Go to MUSIC play mode.

#### 9. DISPLAY

- Display various messages concerning operations such as MENU, MUSIC play, FM radio, DAB+, ...
- Show menu, message, or information.

#### 10. SD SOCKET

Use to play music file or store DAB+ recording file.

## Description - Rear Pannel

DG-DAB888R



SETUP

### Rear Panel Controls

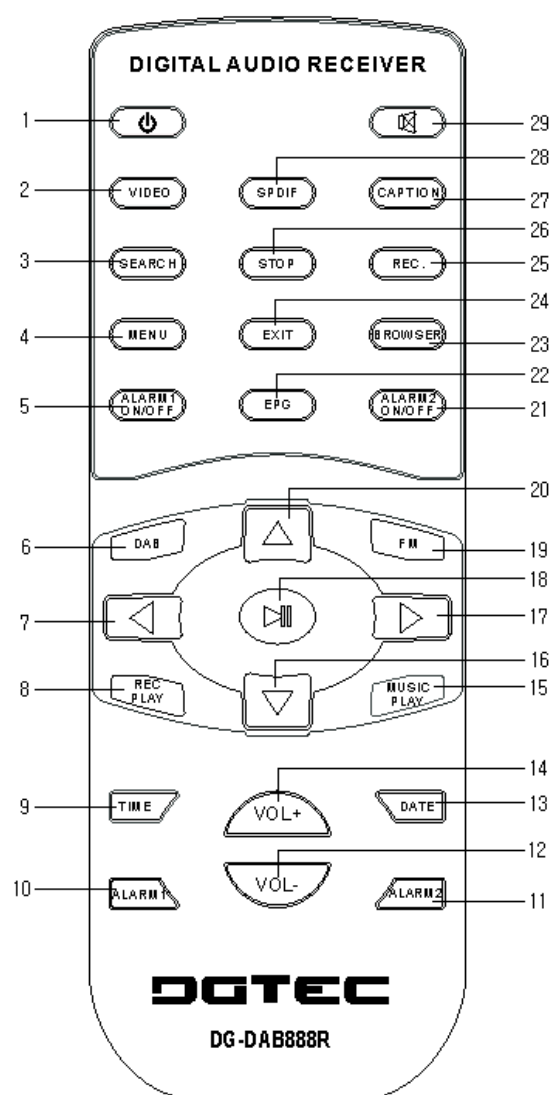
1. **DAB+ ANTENNA INPUT JACK**  
Connect to an external DAB+ antenna.
2. **FM ANTENNA INPUT JACK**  
Connect to an external FM radio antenna.
3. **VIDEO OUT JACK**  
Use a video cable to connect to the Video input jack on your television, amplifier, or a/v system.
4. **DIGITAL AUDIO OUTPUT JACK**  
Use an optical digital cable to connect to a compatible Dolby Digital Receiver.
5. **AUDIO LEFT OUTPUT JACK**  
Connect to the Audio left input jacks of your television, amplifier, or a/v system.
6. **AUDIO RIGHT OUTPUT JACK**  
Connect to the Audio left input jacks of your television, amplifier, or a/v system.
7. **AC/DC ADAPTOR JACK**  
Connect the ac/dc adaptor plug into this jack.
8. **MAIN POWER SWITCH**  
Control the power on/off.



## Tour of the Remote Control

DG-DAB888R

SETUP



## Tour of the Remote Control

SETUP

### Remote Control Function Buttons

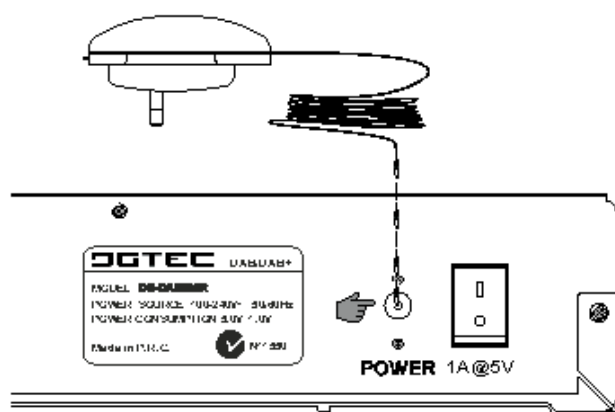
1. **POWER button**  
Power ON or OFF(Standby mode).
2. **VIDEO button**  
Video output ON.
3. **SEARCH button**  
Start channel scan in DAB or FM mode.
4. **MENU button**  
Enter the main menu.
5. **ALARM1 ON/OFF button**  
Alarm1 function enable or disable.
6. **DAB button**  
Enter DAB+ mode.
7. **MOVE LEFT button**  
Navigate left.
8. **REC PLAY button**  
Start recording in DAB mode.
9. **TIME button**  
Enter time setting mode.
10. **ALARM1 button**  
Enter alarm1 time setting mode.
11. **ALARM2 button**  
Enter alarm2 time setting mode.
12. **VOL- button**  
Decrease volume.
13. **DATE button**  
Enter date setting mode.
14. **VOL+ button**  
Increase volume.
15. **MUSIC PLAY button**  
Enter MUSIC playback mode.
16. **MOVE DOWN button**  
Navigate down.
17. **MOVE RIGHT button**  
Navigate right.
18. **SELECT button**  
Play/Pause or select file in browse mode.
19. **FM RADIO button**  
Enter FM radio mode.
20. **MOVE UP button**  
Navigate up.
21. **ALARM2 ON/OFF button**  
Alarm2 function enable or disable.
22. **EPG button**  
Enter EPG list menu.
23. **BROWSER button**  
Enter browser menu.
24. **EXIT button**  
Exit main menu or exit browser menu.
25. **REC. button**  
Start recording in DAB mode..
26. **STOP button**  
Stop channel scan or stop recording.
27. **CAPTION button**  
Caption display ON/OFF.
28. **SPDIF button**  
SPDIF output ON.
29. **MUTE button**  
Audio mute.

## Connections

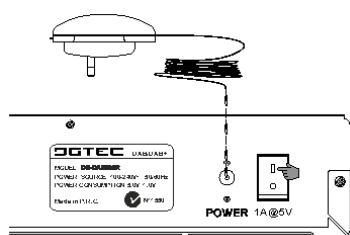
### Before Connecting the DG-DAB888R

- Always turn off the DG-DAB888R, TV, A/V system, and other components before you connect or disconnect any cables.
- Refer to the user's manual of the additional components you are connecting for more information on those particular components.

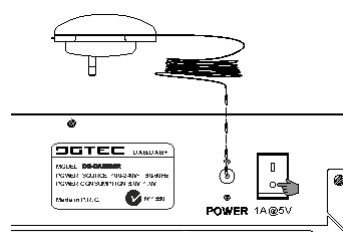
### Connection to an AC/DC adaptor



Connect the power cable(AC/DC adaptor)



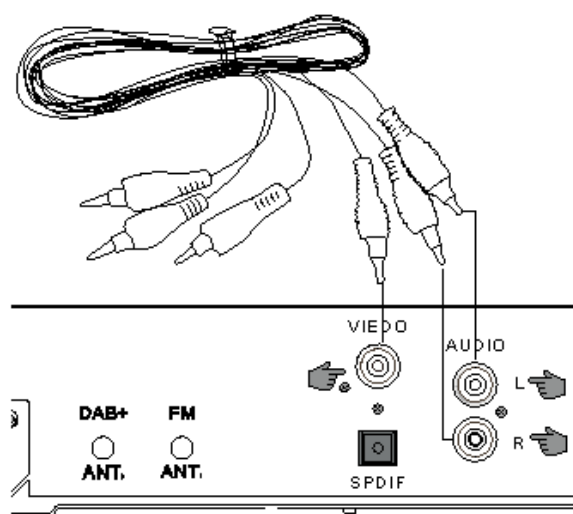
Turn on the power



Turn off the power

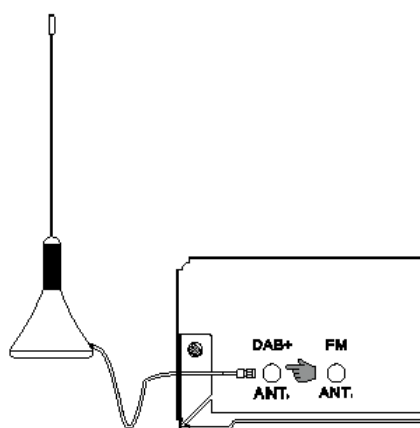
## Connections

### Connection to an Audio System



Connect the audio / video cable

### Connection to a DAB+ antenna

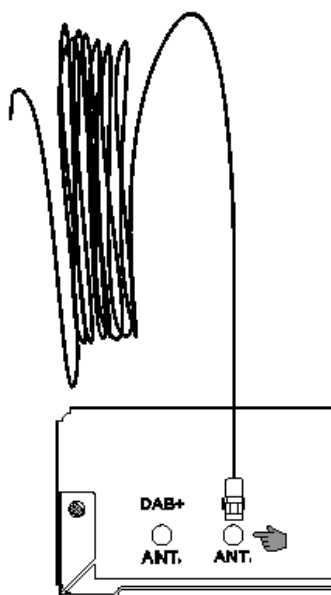


Connect the DAB+ antenna

CONNECTIONS

## Connections

Connection to a FM radio antenna



Connect the FM radio antenna

CONNECTIONS

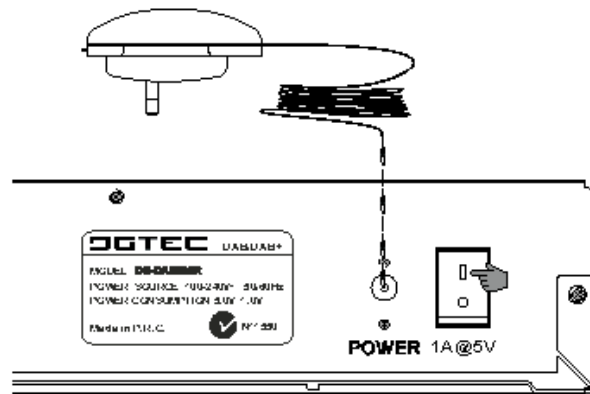
## Power ON/OFF

### Power ON

There are two kinds power on. - Main power on and STANDBY mode.

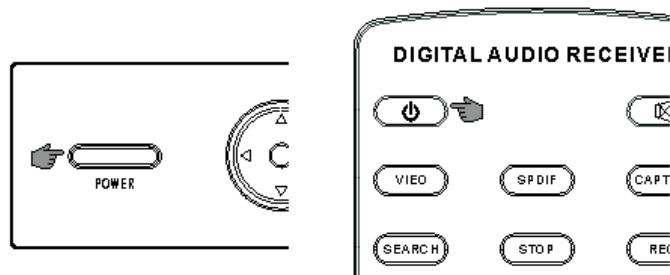
#### 1. Main Power ON

- (1) Connect the AC/DC power adaptor into the power jack.
- (2) Press the upper side of the main power switch.



#### 2. STANDBY mode in watch mode

- (1) Press the power button on either the front panel or remote control.
- (2) A blue light will illuminate the circular directional button.



FUNCTIONS

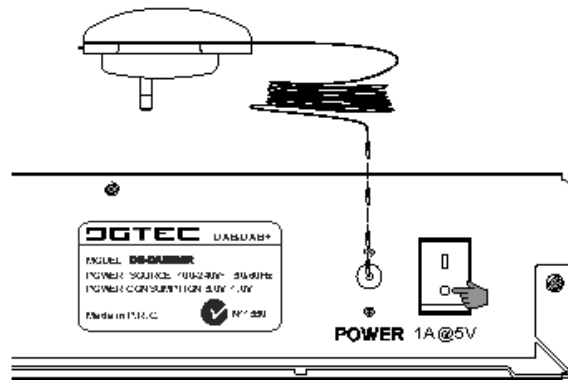
## Power ON/OFF

### Power OFF

There are two kinds of power off. - Main power off and STANDBY mode.

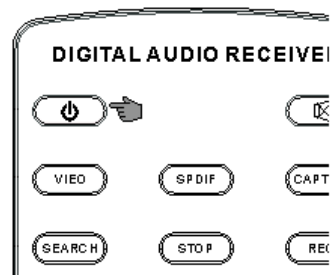
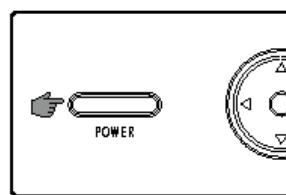
#### 1. Main Power Off

(1) Please press the low side of the main power switch.



#### 2. STANDBY mode

(1) Please press and hold the power button on product front panel or remote control.  
(2) Then the blue light will be turned off and the screen will display watch and date.

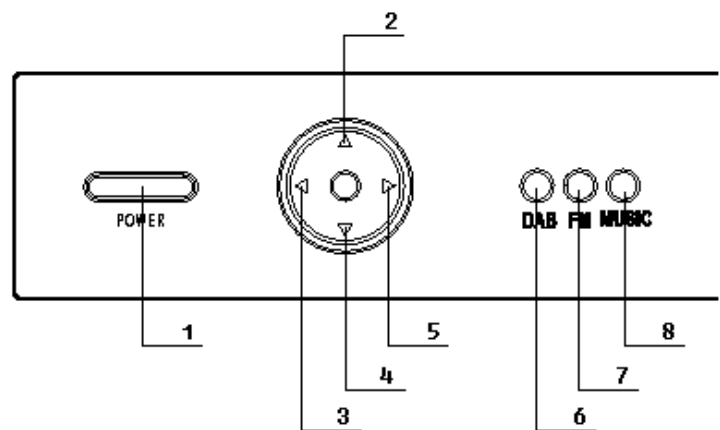






FUNCTIONS

# Using Buttons

## Front Panel

### Basic Function Keys



Icon	Key Action	Items
(1) POWER	Short press	Power ON or Select file in browser mode.
	Long press	Power OFF.
(2) 	Short press	Navigate up.
(3) 	Short press	Navigate left.
(4) 	Short press	Navigate down.
(5) 	Short press	Navigate right.
(6) DAB	Short press	Go to Digital DAB+ mode.
(7) FM	Short press	Go to FM radio mode.
(8) MUSIC	Short press	Go to MUSIC playback mode.

## FUNCTIONS

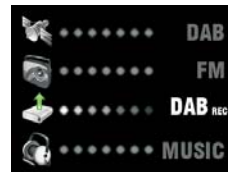
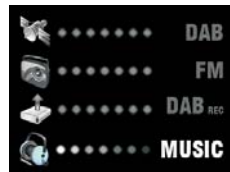
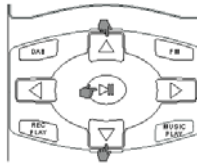
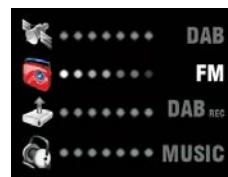
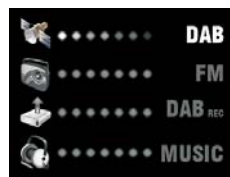
See the page7 and page8 for remote control usage.



## Mode - Main Menu

### Main Menu

Press **MENU** button to display main menu. Use the **▽** and **△** navigation keys to highlight one of the four selections available.



### DAB Menu

Select DAB menu to activate Digital Radio (DAB+) mode.



Press **MENU** button to display sub menu. You can use **◀** and **▶** buttons to select functions.

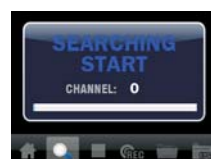
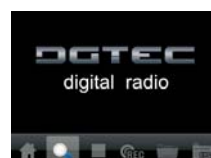
## DAB Mode



### Return to Menu

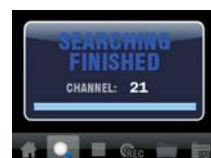


Press  button to exit current mode(DAB mode - left side) or use the  button on remote control to exit current mode.

### Searching Channels



Searching channels with this icon. Press  button to display the channel search screen or use the  button on remote control to activate channel search.



On completion of the scan the system will save the digital channels scanned in your region.

### Searching Hold / Recording Stop



Press the STOP icon to stop scanning in channel search mode or to stop recording in recording mode.

Press the  button on the remote control to stop searching in channel search mode or stop recording in recording mode.

## DAB Mode

### Recording



Select REC icon or press **REC** button on remote control to record the channel you are listening to.



REC symbol will be displayed during recording.

### Channel List



Select this icon to display the channel list and press **CH** button to show the list in the format left below.

CH	CHANNEL LIST
52	Channel
52	Channel - 1
63	CHN
64	ABC
75	MUSIC
86	NEWS

Press **↓** or **↑** button to highlight your selection and press **CH** button to play.  
Press **←** button to return previous menu.

### EPG



Select this icon or press **EPG** button on remote control to display the selected channels EPG (Extended Program Guide) when available.

CH	SERVICE NAME

Press **↓** or **↑** button to select the list and press **→** button to display the channel information.  
Press **←** button to return previous menu.

## FM Radio Mode



Press or button to select the list and press button to display the program information in detail.  
Press button to return previous menu.

### PROGRAM INFORMATION

An electronic program(me) guide (EPG) or interactive program(me) guide (IPG) or electronic service guide (ESG) is a digital guide to scheduled broadcast television or radio programs, typically displayed on-screen with functions allowing a viewer to navigate, select, and discover content by time, title, channel, genre, etc.

Press button to return previous menu.

## FM Radio Mode

FM radio will be displayed as below.



### 1. Searching Frequency

Press button to scan all frequencies.  
The scanned broadcasting frequencies will be automatically stored.  
Press or button to search the stored frequency.

### 2. Frequency Up / Down

Press or button once to navigate up/down, repeat the process to move in up and down in one step increments. Hold the or button down to activate previous/next channel search function.

### 3. Return

Press button to return to main menu.

FUNCTIONS

## REC File Playback Mode

This Receiver can playback recorded files stored on an SD card that is inserted into the SD card slot on the front panel.

When you select Playback mode the recorded file content on the SD card will be displayed on the screen, see below.



## MUSIC Playback Mode



Browser will display DAB recording file only. Press or button to highlight the file that you want to playback.

After highlighting the file, press button to play.



Use the or button on remote control to adjust volume. the volume bar will be displayed on screen.

Press button on remote control to mute the volume.

### MUSIC Playback Mode



Music Playback Screen

1. Level Meter : Color level meter.
2. Folder/file name and file information are displayed which scrolls automatically.
3. Playing file title, artist and album is displayed.
4. Playing time is displayed.
5. Music playback mode is displayed.
6. Playing status is displayed.
7. Playing file number and total file number is displayed.

#### 1. Listen to Music

- Press or button to play previous/next title.

- Press or button to adjust volume.

- Press button to mute the sound.

#### 2. File Browsing

The browser will display Mp3 and MWA file. Press or button to select the file.

After selecting the file, press button to play.








### Time, Set and Alarm













The time screen is displayed in standby mode.

## Time and Alarm Setting

### 1. Time Setting








Press  button, the hour segment will flash. Press  or  button to set the hour. Next press  button to set the minute segment of the time, the minute segment will flash. Press  or  button to adjust the minute setting then press  button to save settings.

### 2. Date Setting

Press  button, then year segment will flash. Press  or  button to adjust the year. Next press  button the month segment will flash. Press  or  button to adjust the month setting. Press  button to move to date bar. Use  or  button the date setting. Press  button to save the changes.





### 3. Alarm Time Setting

This Receiver has two alarm settings, follow the simple setup procedure below to set alarm.

Press  button, then alarm1 segment will flash. Press  or  button to adjust the desired alarm setting. Press  button the minute segment will flash. Press  or  button to adjust the minute setting. Press  button to save alarm1 setting.

Follow the sample above to set alarm2.(Use  button.)

### 4. Mode Change

Press  or  button to change the mode of Alarm1 or Alarm2. The displayed icon will be changed to  or .

 icon is alarm ON status, and  icon is alarm OFF status.

## Firmware Upgrade

New firmware, for this Receiver may become available at some point in the future to provide enhanced features for this product. Check our website from time to time. If/When a new firmware upgrade becomes available follow this procedure.

1. Download "upgrade file" from our web site ([www.dgtec.com.au](http://www.dgtec.com.au))
2. Copy "upgrade file" onto SD card.
3. Turn the main power switch on the rear panel to the OFF position. Insert the SD card into the SD card slot in the front panel then turn the main power switch on the rear panel to the ON position.
4. The upgrade starts automatically once the "upgrade file" on SD card is detected.



- 1) Once the upgrade file is detected on the SD card you will see the following display.



- 2) If there is any problem with the SD card, you will see the following message. Check that the file has been downloaded correctly to the SD card.



- 3) In phase one of the upgrade the current memory is deleted, a progress bar will be displayed.



- 4) In phase 2 of the upgrade the new firmware will be loaded, a progress bar will be displayed.

- 5) Once you have successfully completed the new firmware upgrade we suggest you delete the upgrade file on the SD card before using it with this Receiver to record or playback music files.

## Q&A (TROUBLESHOOTING)

Before calling the DGTEC National Call Centre on 1800 189 941 trying using the Trouble Shooting Guide below.

**Q. No power.**

A. Make sure the AC/DC adaptor is properly inserted into the power socket on the rear panel of the Receiver. Check that the power switch on the rear panel of the Receiver is in the ON position.

**Q. Cannot get the DAB+ signal**

A. Check that the DAB+ antenna is properly connected with DAB+ antenna socket.

**Q. No sound / video**

A. Make sure that the TV/monitor is set to the correct AV input or in the case of an A/V Receiver the input settings are properly set.

A. Check to make sure that the receiving device does not have the MUTE setting activated.

**Q. Remote control is not responding**

A. Check whether there is any obstacle between the remote control and the unit.

A. Make sure that the batteries for the remote control are properly installed.

A. Make sure that the batteries have power.

**Q. Cannot record DAB+**

A. You will need a SD card inserted in the SD card slot in the front panel to record. Make sure that the SD card is properly inserted.

A. The SD card may be full.

**Q. No music file**

A. Please check whether there is SD card in SD socket.

A. Make sure that there are music files on the SD card.

REFERENCE



## SPECIFICATION

General	Power Requirements	AC/DC Adaptor 5.0V@1.0A
	Power Consumption	max. 5W
	Dimension	410mm(W) x 250mm(D) x 55mm(H)
	Operating Temperature Range	+5℃ to +35℃
	Operating Humidity Range	10% to 75%
Memory	External Memory	SD Card Type
Video Output	Display	QVGA(320 x 240) TFT LCD
	Composite Video	1 channel : 1.0 Vp-p (75ohm Load)
Audio Output	2 channel	Left, Right
	Frequency Response	48 Khz Sampling : 4Hz to 22KHz
		96 Khz sampling : 4Hz to 44KHz
	S/N Ratio	over 85dB
	THD	under 0.1%
Music Play	Supported File	Mp3, WMA
DAB+	Dimension	Australia Standard
Antenna	DAB+ Antenna	50ohm impedance external antenna (SMA)
	FM Radio Antenna	wire type (150mm)

REFERENCE

